

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS II130-4 REV. B AND EARLIER  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA130-4 REV.0

REF. TCCA STC: SH18-50

REF. FAA STC: SR04327NY

REF. EASA STC: 10069009

## 1.0 PURPOSE:

It has come to DART's attention that the Liferaft Reservoir Assembly does not install properly with the Reservoir Brackets on the H130 Emergency Float System, P/N 652.2002, S/N VT093997.

The purpose of this service instruction is to provide parts and instructions to shift the Reservoir Brackets aft by 1.0 inch to allow for the Liferaft Reservoir Assembly to install properly. DSI 9831-011 Liferaft Reservoir Bracket Adjustment Kit will be used for the adjustment.

## 2.0 PROCEDURE:

- 2.1 Install each Reservoir Bracket Assembly, P/N 652.4701 onto an Adjustment Plate, P/N 654.0810 using quantity 2X MS24694C53 Screws, quantity 2X NAS1149C0332R Washers, and quantity 2X MS21043-3 Locknuts.
- 2.2 Remove Forward Floor Panel that has the Plate Doubler installed, from the Aft Baggage Compartment.
- 2.3 Install the modified Reservoir Brackets onto the Plate Doubler and Forward Floor Panel, within the Aft Baggage Compartment, in the location shown in II130-4, Figure 39, using quantity 4X AN3C10A Bolts.
- 2.4 Fit check the Forward Floor Panel. Remove any excess material from the Adjustment Plate if needed. Spot Alodine 1201 any reworked sections per MIL-DTL-5541.
- 2.5 Match drill pilot holes, located on the Adjustment Plate, through the Plate Doubler and Forward Floor Panel using a #30 drill bit.
- 2.6 Install quantity 6X MS20470AD4-10 rivets into the previously drilled holes.  
**Note:** It is acceptable to upsize or downsize rivets to other MS20470AD4-X or equivalent rivet (customer supplied) to fit the installation.
- 2.7 Reinstall Forward Floor Panel, which now has the Plate Doubler and modified Reservoir Brackets installed.
- 2.8 Install Reservoir Assembly in accordance with II130-4, starting at step 5.2.1.6.
- 2.9 Update aircraft logbook to indicate installation of DSI 9381-011 Liferaft Reservoir Bracket Adjustment Kit.

## 3.0 PARTS LIST

F/N	QTY -011	PART NUMBER	DESCRIPTION
	X	<b>DSI 9831-011</b>	<b>Liferaft Reservoir Bracket Adjustment Kit</b>
1	2	652.4701	Reservoir Bracket Assembly
2	2	654.0810	Adjustment Plate
3	4	MS24694C53	Screw
4	4	NAS1149C0332R	Washer
5	4	MS21043-3	Locknut
6	6	MS20470AD4-10	Rivet
7	4	AN3C10A	Bolt
8	4	NAS1149C0363	Washer

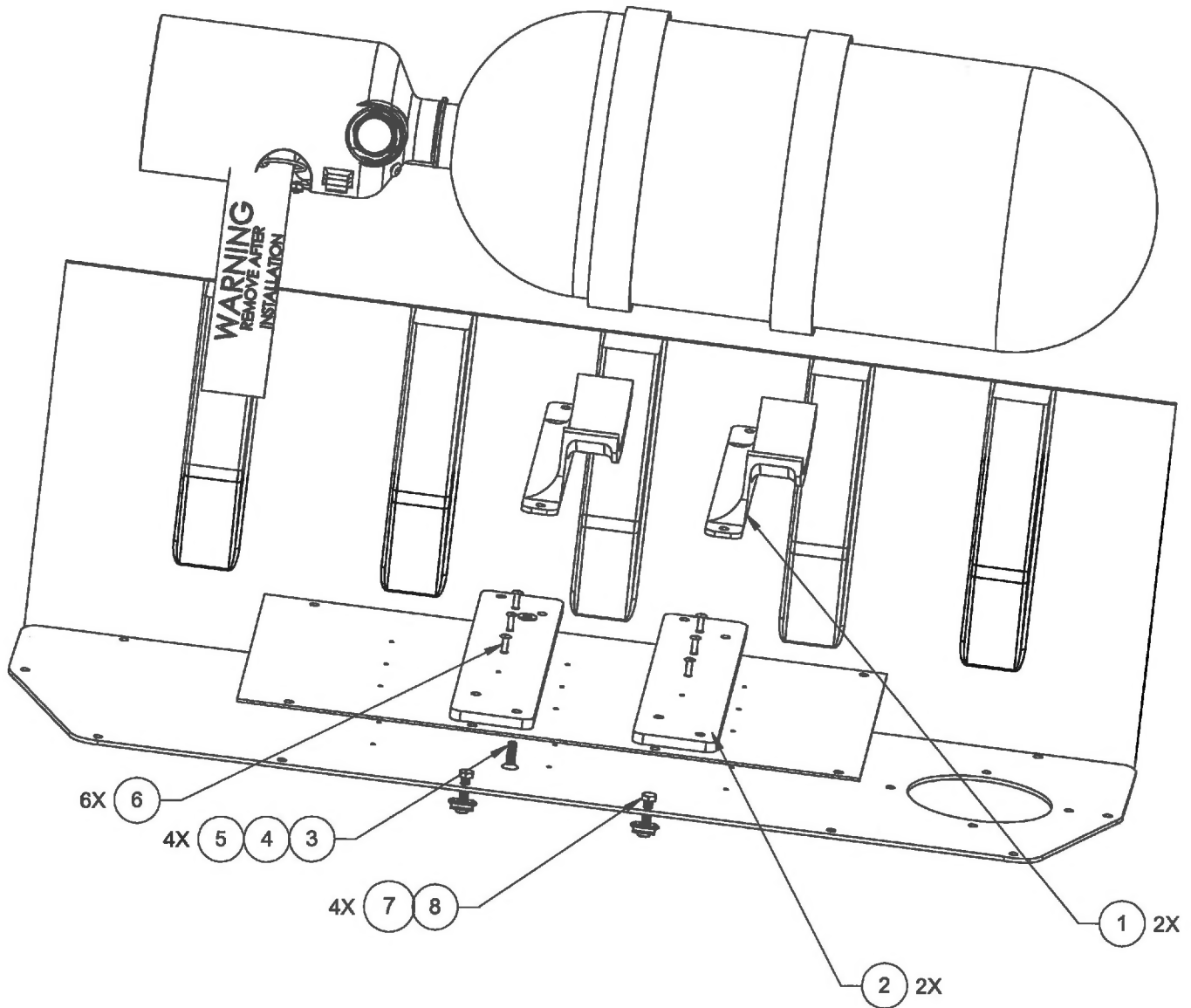
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 19.07.12  
CERT. NO.: SH18-50  
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A	NEW ISSUE	DM	19.07.12
REV.	DESCRIPTION	BY	DATE
DESIGN	DM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	DM		
CHECKED	MB	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9831	SHEET 1 OF 2
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>BRACKET ADJUSTMENT</b>	NTS
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#### **4.0 WEIGHT AND BALANCE:**

This DSI has negligible effect on Weight and Balance.

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DRAWN	DM		
CHECKED	MB	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>DSI 9831</b>	SHEET 2 OF 2
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